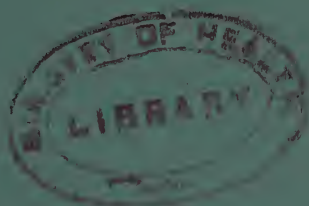


Audenshaw Urban District Council

# ANNUAL REPORT

ON THE STATE OF THE  
PUBLIC HEALTH OF AUDENSHAW

1940—1941



BY

J. MARSHALL ROSS, M.B., CH.B., D.P.H., D.R.C.O.G.

MEDICAL OFFICER OF HEALTH



Audenshaw Urban District Council

# ANNUAL REPORT

ON THE STATE OF THE  
PUBLIC HEALTH OF AUDENSHAW

1940



BY

J. MARSHALL ROSS, M.B., CH.B., D.P.H., D.R.C.O.G.

MEDICAL OFFICER OF HEALTH

## Public Health Committee, 1940

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Councillor A. H. ROTHWELL (Chairman)

- „ W. BARNES
  - „ F. T. BROWN
  - „ A. V. M. DEANE
  - „ W. HAMER
  - „ A. HEWITT
  - „ E. C. HEWITT
  - „ W. KAY
  - „ S. LANE, REV.
  - „ R. NEWTON, C.C., J.P.
  - „ R. PARKER, A.C.A.
  - „ W. R. ROBERTSON, M.B., CH.B.
- 

## Public Health Officers

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Medical Officer of Health :

J. MARSHALL ROSS, M.B., CH.B., D.P.H., D.R.C.O.G.

Sanitary Inspector :

H. M. DOXEY, M.S.I.A., A.R.SAN.I. (part-time Officer)  
also Surveyor (Contribution by County Council).

Meat Officer :

A. C. BROCKLEHURST, M.S.I.A., A.R.SAN.I.  
(Part-time Officer).

Council Offices,  
Ryecroft Hall,  
Audenshaw.

*To the Chairman and Members of the  
Public Health Committee.*

GENTLEMEN,

I present herewith Interim Reports for 1940 and 1941. These are of necessity curtailed and it is intended on cessation of hostilities to produce a Report dealing with the war years.

During 1940 Scarlet Fever and Diphtheria showed a decrease compared with the previous year; this decrease in Diphtheria maintained in 1941, but Scarlet Fever again showed an upward trend, but did not reach the 1939 figure. In 1940 and carrying on into 1941, Measles and Whooping Cough were epidemic. Fortunately there were no deaths from any of these diseases in the two years.

The Infantile Mortality rate of 28 in 1940 was approximately half that for England and Wales. The rate increased to 52 in 1941, but this was still below the rate of 58 for the country generally.

Since 1939 the Birth Rate has increased steadily, giving a natural increase of births over deaths per 1000 of the population, 3.0, 3.7 and 3.9 for the years 1939 to 1941.

I am, Gentlemen,  
Your obedient Servant,  
J. MARSHALL ROSS,  
Medical Officer of Health

## Statistical and Social Conditions of the Area.

---

Area of District, in acres	...	...	...	...	...	1241
Population (Census, 1931)	...	...	...	...	...	8460
„ (Estimated, 1940)	...	...	...	...	...	11,840
Rateable Value	...	...	...	...	...	£72,699
Sum represented by a penny rate	...	...	...	...	...	£290
Number of Births, 1940	...	...	...	...	...	175
Birth Rate, 1940	...	...	...	...	...	14.7
Number of Deaths, 1940	...	...	...	...	...	131
Death Rate, 1940	...	...	...	...	...	11.0
Number of Deaths under one year of age, 1940	...	...	...	...	...	5
Infant Mortality, 1940	...	...	...	...	...	28
Number of Inhabited Houses (Census, 1931)	...	...	...	...	...	2207
„ „ „ (December, 1940)	...	...	...	...	...	3959
Average number of person per room (Census, 1931)	...	...	...	...	...	0.81
Average rooms per dwelling-house (Census, 1931)...	...	...	...	...	...	4.66

## Vital Statistics

### BIRTHS.

		Total	M.	F.
Live Births.....	Legitimate ...	168	93	75
	Illegitimate ...	7	5	2
		<hr/> 175 <hr/>	<hr/> 98 <hr/>	<hr/> 77 <hr/>

Birth rate per 1,000 estimated resident population mid 1940 was 14.7, this is 1.4 increase on the previous year, 1.0 greater than the rate for England and Wales for 1940.

		Total	M.	F.
Still births ...	Legitimate ...	6	2	4
	Illegitimate...	—	—	—
		<hr/> 6 <hr/>	<hr/> 2 <hr/>	<hr/> 4 <hr/>

Rate per 1,000 Total Births—33.14.

### DEATHS.

	Total	M.	F.
Deaths.....	131	63	68

Death Rate per 1,000 estimated average population was 11.0\* (Crude Death Rate) being an increase of 0.1 on that for 1939, being the same as that for the preceding 5 years, and 3.3 less than the rate for England and Wales for 1940.

\* The area comparability factor—1.05. The adjusted Death Rate is therefore 11.5 per 1,000 for this area.

### DEATHS FROM PUERPERAL CAUSES.

	Deaths
Puerperal Sepsis... ..	Nil
Other Puerperal causes .....	Nil

### DEATH RATE OF INFANTS UNDER 1 YEAR OF AGE.

All Infants per 1,000 live births.....	28
Legitimate Infants per 1,000 legitimate live births .....	29
Illegitimate infants per 1,000 illegitimate live births ...	Nil

## INFANT MORTALITY.

Infant Mortality of 28 per 1,000 live births is a decrease on the rate for 1939 of 9 per 1,000 births, a decrease of 11 on the average for the preceding five years, and a decrease of 27 on the rate for England and Wales for 1940.

Deaths from Cancer (all ages) .....	15
„ Measles (all ages).....	Nil
„ Whooping Cough (all ages)	Nil
„ Diarrhoea (under 2 years)	Nil

## TABLES.

Tables 1, 2 and 3 give a comparison of the birth and death rates with previous years, and with the corresponding rates for England and Wales.

Table 4 classifies the deaths under certain heads.

Tables 5 and 6 classify and compare the deaths in certain diseases during the last 10 years.



TABLE No. 1.

## VITAL STATISTICS. Per 1,000 of Estimated Population.

Mean of 5 years	Live Birth rate	Death rate	Death rate from Tuberculosis of Respira- tory system	Death rate from Cancer	Maternal Mortality Rate		Rate of Deaths under 1 year per 1,000 live births
					per 1,000 live births	per 1,000 total (live & still) births	
1935-1939 ...	13.7	11.0	0.59	1.36	3.69	3.57	39
Year 1939 ...	13.3	10.9	0.67	1.00	nil	nil	37
Year 1940 ...	14.7	11.0	0.59	1.26	nil	nil	28
Increase or decrease in 1940 on 5 years' average, 1935-39							
Year 1940 ...	+ 1.0	nil	nil	-0.10	-3.69	-3.57	-11
Year 1939 ...	+ 1.4	+0.1	-0.08	+0.26	nil	nil	- 9

TABLE No. 2.

Comparison of Local Birth and Death Rates with those of  
England and Wales.

Year	Popu- lation	Birth Rate		Death Rate	
		Local	England and Wales	Local	England and Wales
1930	... 8554	13.50	16.30	12.30	11.40
1931	... 8546	12.90	15.80	13.20	12.30
1932	... 8806	11.10	15.30	11.30	12.00
1933	... 9126	12.20	14.40	11.10	12.30
1934	... 9698	12.20	14.80	9.20	11.80
1935	... 10,380	13.20	14.70	11.40	11.70
1936	... 11,060	13.40	14.80	12.40	12.10
1937	... 11,460	13.70	14.90	9.80	12.40
1938	... 11,870	14.90	15.10	10.70	11.60
1939	... 11,880	13.30	15.00	10.90	12.10
Average of 10 years		13.04	15.11	11.23	11.97
1940	... 11,840	14.70	14.60	11.00	14.30

TABLE No. 3. Infant Mortality.

Year	No. of Deaths	Rate of Deaths per 1,000 Births		Rate of Deaths per 1,000 Births	
		Local	England and Wales	Local	England and Wales
1930	..... 12	.....	103	.....	60
1931	..... 3	.....	27	.....	66
1932	..... 1	.....	10	.....	65
1933	..... 4	.....	35	.....	64
1934	..... 5	.....	42	.....	59
1935	..... 7	.....	50	.....	57
1936	..... 6	.....	40	.....	59
1937	..... 2	.....	12	.....	58
1938	..... 10	.....	56	.....	53
1939	..... 6	.....	37	.....	50
Average of 10 years		5.6	.....	41	.....
1940	..... 5	.....	28	.....	55

TABLE No. 4. Causes of Death during 1940.

	Total	Males	Females
Cerebro-spinal fever .....	—	...	—
Tuberculosis of respiratory system	7	...	5
Other Forms of Tuberculosis.....	3	...	2
Syphilitic Diseases .....	—	...	—
Influenza .....	3	...	3
Acute polio-myelitis and polio encephalitis .....	—	...	—
Acute infectious encephalitis ...	—	...	—
Cancer, malignant disease .....	15	...	5
Diabetes .....	2	...	2
Intra-cranial Vascular Lesions ...	13	...	7
Heart disease .....	42	...	21
Other circulatory diseases .....	2	...	2
Bronchitis .....	9	...	2
Pneumonia (all forms) .....	7	...	6
Other respiratory diseases .....	1	...	1
Ulcer of stomach or duodenum	1	...	1
Diarrhoea, under 2 years .....	—	...	—
Appendicitis .....	1	...	1
Other digestive diseases .....	2	...	2
Nephritis .....	3	...	1
Puerperal and post abortion sepsis	—	...	—
Other maternal causes.....	—	...	—
Congenital Debility, Premature Birth, Malformations, etc. ...	3	...	1
Suicide .....	2	...	2
Road traffic accidents .....	1	...	1
Other violent causes .....	2	...	1
All other causes .....	12	...	6
	131	63	68

TABLE No. 5.

Cause of death in certain diseases during ten years.

Disease	1940	1939	1938	1937	1936	1935	1934	1933	1932	1931
Measles .....	—	—	—	—	—	—	—	—	1	1
Scarlet fever...	—	—	1	—	—	—	—	—	—	—
Diphtheria ...	—	—	2	1	—	—	—	—	1	—
Whooping										
Cough .....	—	—	1	1	—	—	—	—	—	—
Tuberculosis...	10	9	9	5	11	6	5	5	6	7
Cancer .....	15	12	15	15	16	19	16	17	16	20
Influenza .....	3	1	—	6	1	4	1	3	2	4
Encephalitis										
Lethargica	—	—	—	2	1	—	—	—	1	1
Pneumonia ...	7	4	7	11	12	10	5	6	8	8
Bronchitis ...	9	3	4	6	8	6	7	4	2	6
Diarrhoea										
(under 2										
years) .....	—	—	—	—	2	—	—	—	—	—
Enteric Fever.	—	—	—	—	—	—	—	—	—	—
Puerperal										
Fever .....	—	—	—	—	—	—	1	—	—	—

TABLE No. 6.

Tuberculosis Death Rate.

Year	Rate per 1,000 Estimated Population
1930 .....	0.93
1931 .....	0.70
1932 .....	0.56
1933 .....	0.32
1934 .....	0.41
1935 .....	0.38
1936 .....	0.90
1937 .....	0.43
1938 .....	0.58
1939 .....	0.67
Average of ten years...	0.59
1940 .....	0.59

## PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASE.

The Council are joint holders of the Smallpox Hospital at Hartshead. No cases were sent during the year.

Other infectious diseases are sent to the Hyde Borough Infectious Diseases Hospital, where the Council retains two beds at a cost of £18 each per annum. The cost of patients in retained beds is £2/7/6 per week and in unretained beds £3/7/6 per week. From October, 1940 there has been an increase of 10% on the charge for retained and unretained beds.

During the year 12 cases of Scarlet Fever and 10 cases of Diphtheria were removed to this hospital. 1 case of Erysipelas was removed to Monsall hospital.

The following cases of the principal epidemic diseases were notified during the year :—

Scarlet Fever, 20 ; Diphtheria, 12 ; Measles 174 ;  
Whooping Cough 30.

Diphtheria was faucial in type, and a marked feature was the number of young adults affected. This appeared to be the result of shelter segregation.

Diphtheria Anti-toxin is supplied free on request, and can be obtained at Chemists' shops in the area, viz. : Messrs. Collins & Butterworth, 141 Guide Lane, Audenshaw, Messrs. Taylors Ltd. 1 Manchester Rd, Fairfield, and, in cases of emergency, at the Police Station, Denton Road.

## DIPHTHERIA IMMUNISATION.

Approval has been given by the Ministry of Health for an Immunisation Scheme, and the County Council has agreed to pay 50 per cent of the cost. The scheme is ready to commence in January, 1941.

Cases of Measles and Whooping Cough are only sent to hospital under urgent circumstances. These two infectious diseases are now compulsorily notifiable under the Measles and Whooping Cough Regulations, Oct. 1939.

No action was taken under the Public Health (Prevention of Tuberculosis) Regulations, 1925, or under Sections 62 and 66 of the Public Health Act, 1925.

Bedding, clothing, etc., are sent to the steam disinfecter at Ashton-under-Lyne, and rooms are fumigated with Formaldehyde vapour and sprayed with Formaldehyde solution.

TABLE No. 7.

Notifiable Diseases During the Year 1940.

(Other than Tuberculosis.)

Notable Disease	Total Cases all ages.	Under										55 & to Tot'l Hosp'l deaths	Total Deaths Cases in H'p'l rem'd
		1	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45		
Scarlet Fever .....	20	—	1	1	2	—	8	5	2	1	—	—	12
Diphtheria .....	12	—	—	2	1	—	3	2	—	4	—	—	10
Acute Primary and Influenzal Pneumonia	9	—	1	—	—	—	—	—	—	—	1	6	1
Erysipelas .....	3	—	—	—	—	—	—	—	—	1	—	2	1
Ophthalmia Neonotorium	—	—	—	—	—	—	—	—	—	—	—	—	—
Acute Poliomyelitis.....	—	—	—	—	—	—	—	—	—	—	—	—	—
Measles .....	174	5	10	14	23	17	92	3	6	4	—	—	—
Whooping Cough .....	30	4	4	4	2	5	10	1	—	—	—	—	—
Total...248		9	16	21	28	22	113	11	8	10	1	3	6
TABLE FOR 1939.													
Scarlet Fever .....	36	—	—	—	2	1	16	10	4	3	—	—	20
Diphtheria ... ..	15	—	—	—	1	1	12	1	—	—	—	—	11
Acute Primary and Influenzal Pneumonia	7	—	—	—	—	—	—	—	1	—	1	5	1
Erysipelas.....	—	—	—	—	—	—	—	—	—	—	1	3	1
Ophthalmia Neonotorium	2	2	—	—	—	—	—	—	—	—	—	—	—
Acute Poliomyelitis.....	1	—	—	—	—	1	—	—	—	—	—	—	—
Total—65		2	—	—	3	3	28	11	5	3	1	1	32

TABLE No. 8.

## TUBERCULOSIS.

New Cases and Deaths during 1940.

Age Periods	New Cases					Deaths				
	Pulmonary		Non- Pulmonary		.....	Pulmonary		Non- Pulmonary		
	M.	F.	M.	F.		M.	F.	M.	F.	
0— 1	.....	0	0	0	0	.....	0	0	0	0
1— 5	.....	0	0	0	0	.....	0	0	0	0
5—10	.....	0	0	0	2	.....	0	0	0	0
10—15	.....	0	0	1	0	.....	0	0	0	0
15—20	.....	0	2	0	1	.....	0	0	1	0
20—25	.....	0	4	0	0	.....	1	1	0	0
25—35	.....	2	2	3	0	.....	1	0	0	1
35—45	.....	1	0	0	1	.....	0	0	1	0
45—55	.....	1	0	0	0	.....	2	0	0	0
55—65	.....	1	0	0	0	.....	1	1	0	0
65 and upwards		0	0	0	0	.....	0	0	0	0
Totals	.....	5	8	4	4	.....	5	2	2	1
		13		8			7		3	



## Sanitary Circumstances of the Area.

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### WATER.

The water supply is obtained from the Ashton-under-Lyne, Stalybridge, and Dukinfield (District) Waterworks Joint Committee's reservoirs, which are situated about five or six miles away in the Pennine Range.

No special analysis has been carried out by this Council.

### DRAINAGE AND SEWERAGE.

The district is sewered on the combined system, and the sewage is treated chiefly at the Stalybridge and Dukinfield Joint Sewage Board's Works at Bradley Hurst. A small portion of the West Ward is drained into the Manchester system.

The only undrained part of the district is composed of farm buildings.

Drains are tested as required, and the sewers are flushed frequently.

There has been no important extension to the sewerage system during the year.

The closet accommodation at present is as follows :—

Pail Closets .....	20
Fresh-water Closets .....	3031
Waste-water Closets .....	1340
Moveable receptacles for Ashes ...	3804
Dry Ashpits .....	9

### SCAVENGING.

The scavenging of roads and streets is carried out by the Highways Department.

The removal of house and trade refuse is carried out by the Health Department, the refuse being tipped on low-lying ground and then soiled over.

### SMOKE ABATEMENT.

No action taken during the year.



The Council is represented on the Manchester and District Regional Smoke Abatement Committee.

PREMISES, &c., CONTROLLED BY BYE-LAWS  
OR REGULATIONS.

There are no underground sleeping rooms in the area.

OFFENSIVE TRADES.

There are established in the district four offensive trades, viz. : Leather Dressing, Tanning, Fellmongering, and Tripe Boiling.

The one Tripe Boiling was sanctioned on a yearly basis.

OTHER SANITARY CONDITIONS REQUIRING  
ATTENTION.

The Council owns the Cemetery, which was opened in 1905, and is situated on the easterly boundary of the district.

SCHOOLS.

The sanitary condition of the schools is fairly good, and all have a good supply of water.

HOUSING.

The majority of the houses in the district are of the artisan type, having two rooms up and two down. Most of the new houses have three bedrooms.

General action is taken under the Public Health Acts and the Housing Acts, and a large number of the defects are remedied without resort to legal action.

HOUSING STATISTICS FOR 1940.

Number of new houses erected during the year :—	
By the Local Authority.....	nil
By other bodies and persons .....	2

1. Inspection of Dwelling Houses during the Year :	
(1) (a) Total number of dwelling-houses inspected for housing defects (under the Public Health or Housing Acts) .....	61
(b) Number of inspections made for purpose .....	105

- (2) (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 ..... nil
  - (b) Number of inspections made for purpose ..... nil
  - (3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ..... nil
  - (4) Number of dwelling-houses (exclusive of those referred to under the previous sub-head) found not to be in all respects reasonably fit for human habitation ..... 46
2. Remedy of Defects during the year without service of formal notice :
  - Number of Defective Dwelling Houses rendered fit in consequence of informal action by the Local Authority or their Officers... ...18
3. Action under Statutory Powers during the year :
  - (a) Proceedings under sections 9, 10 & 16 of the Housing Act, 1936 : ..... nil
  1. Number of Dwelling Houses in respect of which notices were served requiring repairs... ...nil
  2. Number of Dwelling Houses which were rendered fit after service of formal notices :
    - (a) By Owners... ...nil
    - (b) Proceedings under Public Health Acts :
      1. Number of dwelling houses in respect of which notices were served requiring defects to be remedied ... .. nil
      2. Number of dwelling houses in which defects were remedied after service of formal notices :
        - (a) By Owners ... .. nil
        - (b) By Local Authority in default of Owners ...nil
      - (c) Proceedings under Section 11 & 13 of the Housing Act, 1936 :
        1. Number of Dwelling Houses in respect of which Demolition Orders were made ... .. nil
        2. Number of Dwelling Houses demolished in pursuance of Demolition Orders... .. nil

(d) Proceedings under! Section 12 of the  
Housing Act, 1936 :

1. Number of separate tenements or underground  
rooms in respect of which Closing Orders  
were made ... .. ...nil
2. Number of separate tenements or underground  
rooms in respect of which Closing Orders were  
determined, the tenement or room having been  
rendered fit ... .. ...nil

HOUSING ACT, 1936—PART IV.—OVERCROWDING.

- (a) 1. Number of dwellings overcrowded at the  
end of the year ... .. ...14
2. Number of families dwelling therein ... .. ...17
3. Number of persons dwelling therein ... .. ...91
- (b) Number of new cases of overcrowding reported  
during the year ... .. ... 3
- (c) 1. Number of cases of overcrowding relieved during  
the year ... .. ...nil
2. Number of persons concerned in such cases ...nil

## Inspection and Supervision of Food.

### MILK SUPPLY.

There are 6 cowkeepers and 28 purveyors of milk  
on the register.

Visits are made to these at intervals to see that the  
standard of cleanliness is maintained, and efforts are  
constantly being made to improve this standard.

There are four purveyors of " Graded " milk in the  
area.

The following is a copy of the report submitted by the Meat Inspector :—

“ Dear Sir,

“ MEAT INSPECTION, ETC.

I beg to submit my Report on work carried out during the year 1940 in connection with my duties as Meat Inspector for the Urban District of Audenshaw.

Action taken with regard to meat and other foods, including meat shops, vehicles and places where food is prepared.

No slaughtering of cattle has taken place during the year in the district of Audenshaw. All butchers' meat supplies are delivered from the Regional Government Slaughtering Establishment, Stockport, where I have assisted in the Inspection of cattle killed for human consumption.

The Public Health (Meat) Regulations, 1924, in regard to shops, stores and vehicles is carried out in accordance with the regulations.

The following inspections were made :—

Slaughterhouses .....	0
Butchers' Shops .....	210

Amount of food condemned or surrendered during 1940 :—

Diseased, unsound or unwholesome meat :

Decomposition : 17 lbs. lamb, 8 lbs. bacon, 1 calf's head,  
24 lbs. beef.

Diseased : 38 lbs. liver, 10 lbs. beast's lungs, 20 lbs.  
bullock's head.

Otherwise unsound : 2 tins salmon.

Visits have been made to Farms and Piggeries within the district of Audenshaw for the purpose of inspecting live animals, etc., and conditions found appeared to be satisfactory.

I remain,

Yours faithfully,

A. C. BROCKLEHURST,  
Meat Inspector.”

## Audenshaw Urban District Council.

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Council Offices,  
Ryecroft Hall,  
Audenshaw.

*To the Chairman and Members of the Audenshaw  
Urban District Council.*

Gentlemen,

As required by the Sanitary Officers' Order, 1926,  
the summary of the work carried out by me during 1940  
is set out in the tabular statement following.

I am, Gentlemen,

Your obedient servant,

H. M. DOXEY,

Sanitary Inspector.

## NUISANCES.

Total Nuisances found .....	183
Total Nuisances abated .....	179
Statutory Notices served .....	0
Informal Notices served .....	39
<hr/>	
Number of defective drains, etc. ....	20
"          "      closets .....	34
"          "      gullies .....	6
"          "      ashpits .....	71
"      housing defects .....	42
"      miscellaneous nuisances .....	10
<hr/>	
	584
<hr/>	

## INSPECTIONS, &c.

Number of visits re cases of Infectious Disease .....	114
"          "      to Factories and Workshops .....	35
"          "      Bakehouses .....	22
"          "      Offensive Trades .....	9
"          "      Laundries .....	2
"          "      Outworkers .....	11
"          "      Dairies, Cowsheds & Milkshops.	93
"          "      Slaughterhouses .....	18
"          "      Drains and others (Miscell.) .....	479
<hr/>	
	783
<hr/>	

## INFECTIOUS DISEASES.

Number of houses disinfected .....	41
"      schoolrooms disinfected .....	9
"      articles disinfected .....	203
"      notices sent to schools, etc. ....	163

## SMOKE ABATEMENT.

Number of observations taken .....	3
"      proceedings taken.....	—
"      warnings sent .....	—

Audenshaw Urban District Council

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ON THE STATE OF THE  
PUBLIC HEALTH OF AUDENSHAW

1941



BY

J. MARSHALL ROSS, M.B., CH.B., D.P.H., D.R.C.O.G.

MEDICAL OFFICER OF HEALTH

ANNUAL REPORT

# ANNUAL REPORT

OF THE  
UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

(1911)



WASHINGTON: GOVERNMENT PRINTING OFFICE  
1911



## Public Health Committee, 1941

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Councillor W. KAY (Chairman)

„ W. BARNES  
„ F. T. BROWN  
„ E. C. HEWITT  
„ W. HAMER  
„ A. HEWITT, J.P.  
„ A. V. M. DEANE  
„ S. LANE, REV.  
„ R. NEWTON, C.C., J.P.  
„ R. PARKER, A.C.A.  
„ A. H. ROTHWELL

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## Public Health Officers

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Medical Officer of Health :

J. MARSHALL ROSS, M.B., CH.B., D.P.H., D.R.C.O.G.

Sanitary Inspector until 30th April, 1941 :

H. M. DOXEY, M.S.I.A., A.R.SAN.I. (part-time Officer)  
also Surveyor (Contribution by County Council).

Meat Officer until 30th April, 1941 :

A. C. BROCKLEHURST, M.S.I.A., A.R.SAN.I.  
(Part-time Office )

Sanitary Inspector, Meat & Food Inspector  
from 1st May, 1941 :

H. G. SLATER, Cert. Royal San. Assoc'n of Scotland.

## Statistical and Social Conditions of the Area.

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Area of District, in acres	...	...	...	...	...	1241
Population (Census, 1931)	...	...	...	...	...	8460
„ (Estimated, 1941)	...	...	...	...	...	11,810
Rateable Value	...	...	...	...	...	£73,006
Sum represented by a penny rate	...	...	...	...	...	£285
Number of Births, 1941	...	...	...	...	...	191
Birth Rate, 1941	...	...	...	...	...	16.2
Number of Deaths, 1941	...	...	...	...	...	145
Death Rate, 1941	...	...	...	...	...	12.3
Number of Deaths under one year of age, 1941	...	...	...	...	...	10
Infant Mortality, 1941	...	...	...	...	...	52.4
Number of Inhabited Houses (Census, 1931)	...	...	...	...	...	2207
„ „ „ (December, 1941)	...	...	...	...	...	3952
Average number of person per room (Census, 1931)	...	...	...	...	...	0.81
Average rooms per dwelling-house (Census, 1931)...	...	...	...	...	...	4.66

## Vital Statistics

### BIRTHS.

		Total	M.	F.
Live Births.....	Legitimate ...	187	93	94
	Illegitimate ...	4	4	0
		<hr/> 191 <hr/>	<hr/> 97 <hr/>	<hr/> 94 <hr/>

Birth rate per 1,000 estimated resident population in 1941 was 16.2, this is 1.5 increase on the previous year, 2.0 greater than the rate for England and Wales for 1941.

		Total	M.	F.
Still births ...	Legitimate ...	5	1	4
	Illegitimate...	—	—	—
		<hr/> 5 <hr/>	<hr/> 1 <hr/>	<hr/> 4 <hr/>

Rate per 1,000 Total Births—25.51.

### DEATHS.

	Total	M.	F.
Deaths.....	145	73	72

Death Rate per 1,000 estimated average population was 12.3\* (Crude Death Rate) being an increase of 1.3 on that for 1940, and 0.6 less than the rate for England and Wales for 1941

\* The area comparibility factor—1.05. The adjusted Death Rate is therefore 12.9 per 1,000 for this area.

### DEATHS FROM PUERPERAL CAUSES.

	Deaths
Puerperal Sepsis... ..	Nil
Other Puerperal causes .....	Nil

### DEATH RATE OF INFANTS UNDER 1 YEAR OF AGE.

All Infants per 1,000 live births .....	52.4
Legitimate Infants per 1,000 legitimate live births.....	53.5
Illegitimate infants per 1,000 illegitimate live births ...	Nil

## INFANT MORTALITY.

Infant Mortality of 52.4 per 1,000 live births is an increase on the rate for 1940 of 24.4 per 1,000 births, and a decrease of 5.6 on the rate for England and Wales for 1941.

Deaths from Cancer (all ages) .....	24
„ Measles (all ages).....	Nil
„ Whooping Cough (all ages) ..	2
„ Diarrhoea (under 2 years) ..	1

## TABLES.

Tables 1, 2 and 3 give a comparison of the birth and death rates with previous years, and with the corresponding rates for England and Wales.

Table 4 classifies the deaths under certain heads.

Tables 5 and 6 classify and compare the deaths in certain diseases during the last 10 years.

TABLE No. 1.

## VITAL STATISTICS. Per 1,000 of Estimated Population.

Mean of 5 years	Live Birth rate	Death rate	Tuberculosis of Respira- tory system	Death rate from Cancer	Maternal Mortality Rate		Rate of Deaths under 1 year per 1,000 live births
					per 1,000 live births	per 1,000 total (live & still) births	
1936-1940 ...	14.0	11.0	0.63	1.27	2.95	2.86	35
Year 1940 ...	14.7	11.0	0.59	1.26	nil	nil	28
Year 1941 ...	16.2	12.3	0.85	2.03	nil	nil	52
Increase or decrease in 1941 on 5 years' average, 1936-40							
Year 1941 ...	+2.2	+1.3	+0.22	+0.76	-2.95	-2.86	+17
Year 1940 ...	+1.5	+1.3	+0.26	+0.77	nil	nil	+24

TABLE No. 2.

Comparison of Local Birth and Death Rates with those of  
England and Wales.

Year	Popu- lation	Birth Rate		Death Rate	
		Local	England and Wales	Local	England and Wales
1931	... 8546	12.90	15.80	13.20	12.30
1932	... 8806	11.10	15.30	11.30	12.00
1933	... 9126	12.20	14.40	11.10	12.30
1934	... 9698	12.20	14.80	9.20	11.80
1935	... 10,380	13.20	14.70	11.40	11.70
1936	... 11,060	13.40	14.80	12.40	12.10
1937	... 11,460	13.70	14.90	9.80	12.40
1938	... 11,870	14.90	15.10	10.70	11.60
1939	... 11,880	13.30	15.00	10.90	12.10
1940	... 11,840	14.70	14.60	11.00	14.30
Average of 10 years		13.14	15.94	11.10	12.26
1941	... 11,810	16.20	14.20	12.30	12.90

TABLE No. 3. Infant Mortality.

Year	No. of Deaths	Rate of Deaths per 1,000 Births		Rate of Deaths per 1,000 Births	
		Local	England and Wales	Local	England and Wales
1931	..... 3	.....	27	.....	66
1932	..... 1	.....	10	.....	65
1933	..... 4	.....	35	.....	64
1934	..... 5	.....	42	.....	59
1935	..... 7	.....	50	.....	57
1936	..... 6	.....	40	.....	59
1937	..... 2	.....	12	.....	53
1938	..... 10	.....	56	.....	50
1939	..... 6	.....	37	.....	50
1940	..... 5	.....	28	.....	55
Average of 10 years		.....	34	.....	59
1941	..... 10	.....	52	.....	58

TABLE No. 4. Causes of Death during 1941.

	Total	Males	Females
Whooping Cough .....	2	—	2
Cerebro-spinal fever .....	—	—	—
Tuberculosis of respiratory system	9	3	6
Other Forms of Tuberculosis.....	1	—	1
Syphilitic Diseases .....	1	—	1
Influenza .....	1	1	—
Acute polio-myelitis and polio encephalitis .....	—	—	—
Acute infectious encephalitis ...	—	—	—
Cancer, malignant disease .....	24	10	14
Diabetes .....	2	1	1
Intra-cranial Vascular Lesions ...	17	5	12
Heart disease .....	36	18	18
Other circulatory diseases .....	2	2	—
Bronchitis .....	10	7	3
Pneumonia (all forms) .....	6	5	1
Other respiratory diseases .....	1	1	—
Ulcer of stomach or duodenum	2	2	—
Diarrhoea, under 2 years .....	1	—	1
Appendicitis .....	—	—	—
Other digestive diseases .....	4	3	1
Nephritis .....	5	2	3
Puerperal and post abortion sepsis	—	—	—
Other maternal causes.....	—	—	—
Congenital Debility, Premature Birth, Malformations, etc. ...	6	3	3
Suicide .....	1	1	—
Road traffic accidents .....	1	1	—
Other violent causes .....	1	1	—
All other causes .....	12	7	5
	145	73	72

TABLE No. 5.

Cause of death in certain diseases during ten years.

Disease	1941	1940	1939	1938	1937	1936	1935	1934	1933	1932
Measles .....	—	—	—	—	—	—	—	—	—	1
Scarlet fever...	—	—	—	1	—	—	—	—	—	—
Diphtheria ...	—	—	—	2	1	—	—	—	—	1
Whooping Cough .....	2	—	—	1	1	—	—	—	—	—
Tuberculosis...	10	10	9	9	5	11	6	5	5	6
Cancer .....	24	15	12	15	15	16	19	16	17	16
Influenza .....	1	3	1	—	6	1	4	1	3	2
Encephalitis Lethargica	—	—	—	—	2	1	—	—	—	1
Pneumonia ...	6	7	4	7	11	12	10	5	6	8
Bronchitis ...	10	9	3	4	6	8	6	7	4	2
Diarrhoea (under 2 years) .....	1	—	—	—	—	2	—	—	—	—
Enteric Fever.	—	—	—	—	—	—	—	—	—	—
Puerperal Fever .....	—	—	—	—	—	—	—	1	—	—

TABLE No. 6.

Tuberculosis Death Rate.

Year	Rate per 1,000 Estimated Population
1931 .....	0.70
1932 .....	0.56
1933 .....	0.32
1934 .....	0.41
1935 .....	0.38
1936 .....	0.90
1937 .....	0.43
1938 .....	0.58
1939 .....	0.67
1940 .....	0.59
Average of ten years...	0.55
1941 .....	0.85



## PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASE.

The Council are joint holders of the Smallpox Hospital at Hartshead. No cases were sent during the year.

Other infectious diseases are sent to the Hyde Borough Infectious Diseases Hospital, where the Council retains two beds at a cost of £18 each per annum. The cost of patients in retained beds is £2/7/6 per week and in unretained beds £3/7/6 per week. From October, 1940 there has been an increase of 10% on the charge for retained and unretained beds.

During the year 12 cases of Scarlet Fever and 10 cases of Diphtheria were removed to this hospital.

The following cases of the principal epidemic diseases were notified during the year :—

Scarlet Fever, 27 ; Diphtheria, 11 ; Measles 31 ;  
Whooping Cough 27.

Diphtheria Anti-toxin is supplied free on request, and can be obtained at Chemists' shops in the area, viz. : Messrs. Collins & Butterworth, 141 Guide Lane, Audenshaw, Messrs. Taylors Ltd, 1 Manchester Rd, Fairfield, and from the Health Dept., and the Police Station, Denton Road.

Approval has been given by the Ministry of Health for an Immunisation Scheme, and the County Council has agreed to pay 50 per cent of the cost. The scheme is ready to commence in January, 1941.

Cases of Measles and Whooping Cough are only sent to hospital under urgent circumstances. These two infectious diseases are now compulsorily notifiable under the Measles and Whooping Cough Regulations, Oct. 1939.

No action was taken under the Public Health (Prevention of Tuberculosis) Regulations, 1925, or under Sections 62 and 66 of the Public Health Act, 1925.

Bedding, clothing, etc., are sent to the steam disinfectant at Ashton-under-Lyne, and rooms are fumigated with Formaldehyde vapour and sprayed with Formaldehyde solution.

TABLE No. 7. Notifiable Diseases During the Year 1941. (Other than Tuberculosis.)

Total Cases all ages.      Under 1      1-2      2-3      3-4      4-5      5-10      10-15      15-20      20-35      35-45      45-55      55 & over      Total Deaths Cases in H'p'l rem'd to Tot'l Hosp'l deaths

Scarlet Fever .....	27	—	—	3	2	1	14	4	1	2	—	—	—	12	—
Diphtheria .....	11	—	—	—	—	3	4	1	2	—	1	—	—	10	—
Acute Primary and Influenzal Pneumonia	6	—	—	—	—	—	1	—	1	1	1	—	2	—	—
Erysipelas .....	2	—	—	—	—	—	—	—	—	—	—	1	1	—	—
Ophthalmia Neonatorum	1	1	—	—	—	—	—	—	—	—	—	—	—	1	—
Acute Poliomyelitis.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Measles .....	31	1	6	6	2	5	9	1	1	—	—	—	—	—	—
Whooping Cough .....	27	1	3	7	3	7	6	—	—	—	—	—	—	—	—
Total.....	105	3	9	16	7	16	34	6	5	3	2	1	3	0	23

TABLE FOR 1940.

Scarlet Fever .....	20	—	1	1	2	—	8	5	2	1	—	—	—	—	12	—
Diphtheria ... ..	12	—	—	2	1	—	3	2	—	4	—	—	—	—	10	—
Acute Primary and Influenzal Pneumonia	9	—	1	—	—	—	—	—	—	—	1	1	6	1	—	—
Erysipelas.....	3	—	—	—	—	—	—	—	—	1	—	2	—	—	1	—
Ophthalmia Neonatorum	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Acute Poliomyelitis.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Measles .....	174	5	10	14	23	17	92	3	6	4	—	—	—	—	—	—
Whooping Cough .....	30	4	4	4	2	5	10	1	—	—	—	—	—	—	—	—
Total.....	248	9	16	21	28	22	113	11	8	10	1	3	6	1	23	—

TABLE No. 8.  
TUBERCULOSIS.

New Cases and Deaths during 1941.

Age Periods	New Cases				Deaths				
	Pulmonary		Non- Pulmonary		Pulmonary		Non- Pulmonary		
	M.	F.	M.	F.	M.	F.	M.	F.	
0— 1 .....	0	0	0	0	.....	0	0	0	0
1— 5 .....	0	0	0	1	.....	0	0	0	1
5—10 .....	0	0	0	0	.....	0	0	0	0
10—15 .....	1	0	0	1	.....	0	0	0	0
15—20 .....	0	2	0	1	.....	1	1	0	0
20—25 .....	0	0	0	0	.....	0	3	0	0
25—35 .....	0	0	0	0	.....	0	0	0	0
35—45 .....	1	1	0	0	.....	0	0	0	0
45—55 .....	1	1	0	0	.....	1	1	0	0
55—65 .....	0	0	0	0	.....	0	0	0	0
65 and upwards	2	0	0	0	.....	2	0	0	0
Totals .....	5	4	0	3	.....	4	5	0	1
	9		3			9		1	

## Sanitary Circumstances of the Area.

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### WATER.

The water supply is obtained from the Ashton-under-Lyne, Stalybridge, and Dukinfield (District) Waterworks Joint Committee's reservoirs, which are situated about five or six miles away in the Pennine Range.

No special analysis has been carried out by this Council.

### DRAINAGE AND SEWERAGE.

The district is sewered on the combined system, and the sewage is treated chiefly at the Stalybridge and Dukinfield Joint Sewage Board's Works at Bradley Hurst. A small portion of the West Ward is drained into the Manchester system.

The only undrained part of the district is composed of farm buildings.

Drains are tested as required, and the sewers are flushed frequently.

There has been no important extension to the sewerage system during the year.

The closet accommodation at present is as follows :—

Pail Closets .....	22
Fresh-water Closets .....	3028
Waste-water Closets .....	1340
Moveable receptacles for Ashes ...	3811
Dry Ashpits .....	1

### SCAVENGING.

The scavenging of roads and streets is carried out by the Highways Department.

The removal of house and trade refuse is carried out by the Health Department, the refuse being tipped on low-lying ground and then soiled over.

### SMOKE ABATEMENT.

No action taken during the year.

The Council is represented on the Manchester and District Regional Smoke Abatement Committee.

### PREMISES, &c., CONTROLLED BY BYE-LAWS OR REGULATIONS.

There are no underground sleeping rooms in the area.

### OFFENSIVE TRADES.

There are established in the district four offensive trades, viz.: Leather Dressing, Tanning, Fellmongering, and Tripe Boiling.

The one Tripe Boiling was sanctioned on a yearly basis.

### OTHER SANITARY CONDITIONS REQUIRING ATTENTION.

The Council owns the Cemetery, which was opened in 1905, and is situated on the easterly boundary of the district.

### SCHOOLS.

The sanitary condition of the schools is fairly good, and all have a good supply of water.

### HOUSING.

The majority of the houses in the district are of the artisan type, having two rooms up and two down. Most of the new houses have three bedrooms.

General action is taken under the Public Health Acts and the Housing Acts, and a large number of the defects are remedied without resort to legal action.

### HOUSING STATISTICS FOR 1941.

Number of new houses erected during the year :—

By the Local Authority.....	nil
By other bodies and persons .....	nil

#### 1. Inspection of Dwelling Houses during the Year :

(1) (a) Total number of dwelling-houses inspected for housing defects (under the Public Health or Housing Acts) .....	107
(b) Number of inspections made for purpose .....	237

(2) (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 .....	17
(b) Number of inspections made for purpose .....	31
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation .....	11
(4) Number of dwelling-houses (exclusive of those referred to under the previous sub-head) found not to be in all respects reasonably fit for human habitation .....	32
2. Remedy of Defects during the year without service of formal notice :	
Number of Defective Dwelling Houses rendered fit in consequence of informal action by the Local Authority or their Officers...	...67
3. Action under Statutory Powers during the year :	
(a) Proceedings under sections 9, 10 & 16 of the Housing Act, 1936 :	nil
1. Number of Dwelling Houses in respect of which notices were served requiring repairs...	...nil
2. Number of Dwelling Houses which were rendered fit after service of formal notices :	
(a) By Owners...	...nil
(b) Proceedings under Public Health Acts :	
1. Number of dwelling houses in respect of which notices were served requiring defects to be remedied ... ..	...nil
2. Number of dwelling houses in which defects were remedied after service of formal notices :	
(a) By Owners ... ..	...nil
(b) By Local Authority in default of Owners	...nil
(c) Proceedings under Section 11 & 13 of the Housing Act, 1936 :	
1. Number of Dwelling Houses in respect of which Demolition Orders were made ...	...nil
2. Number of Dwelling Houses demolished in pursuance of Demolition Orders... ..	...nil



(d) Proceedings under Section 12 of the  
Housing Act, 1936 :

- |    |  |     |     |        |
|----|--|-----|-----|--------|
| 1. | Number of separate tenements or underground<br>rooms in respect of which Closing Orders<br>were made ...   | ... | ... | ...nil |
| 2. | Number of separate tenements or underground<br>rooms in respect of which Closing Orders were<br>determined, the tenement or room having been<br>rendered fit ... | ... | ... | ...nil |

HOUSING ACT, 1936—PART IV.—OVERCROWDING.

- |        |   |     |       |       |
|--------|---|-----|-------|-------|
| (a) 1. | Number of dwellings overcrowded at the<br>end of the year ...       | ... | ...   | ...17 |
| 2.     | Number of families dwelling therein ...                             | ... | ...   | ...23 |
| 3.     | Number of persons dwelling therein ...                              | ... | ..... | 116   |
| (b)    | Number of new cases of overcrowding reported<br>during the year ... | ... | ...   | ... 3 |
| (c) 1. | Number of cases of overcrowding relieved during<br>the year ...     | ... | ...   | ... 1 |
| 2.     | Number of persons concerned in such cases ...                       | ... | ...   | 4     |

## Inspection and Supervision of Food.

### MILK SUPPLY.

There are 5 cowkeepers and 53 purveyors of milk on the register.

Visits are made to these at intervals to see that the standard of cleanliness is maintained, and efforts are constantly being made to improve this standard.

There are four purveyors of " Graded " milk in the area.

## MEAT AND OTHER FOODS.

All slaughtering for the district is carried out at Stockport No. 2 Regional Abattoir.

### CARCASES INSPECTED AND CONDEMNED.

	Cattle	Calves	Sheep	Pigs
Number killed & inspected.....	524	288	2216	5
All diseases except Tuberculosis :				
Carcases wholly condemned ...	2	1	—	—
Carcases partially condemned...	2	—	—	—
Tuberculosis only :				
Carcases wholly condemned ...	5	1	—	—
Carcases partially condemned...	3	—	—	—
All diseases :				
Organs condemned .....	256	7	64	1

The total amount of Meat condemned as unfit for human consumption was 3 tons.

60 visits of inspection were made to food premises during the year.

169 lbs. of Food was condemned as unsound or unwholesome.

### BAKEHOUSES.

There are 10 Bakehouses on the register, all of which were regularly inspected and found in good condition.



# SANITARY INSPECTION.

	No. of Inspect's	No. of Defects	No. of Notices Served Infor'l.	Stat.	Notices compl'd with	Notices out- standing
Visits to Dwelling Houses.....	561					
Structural Defects...	74	53	53		53	
Water Supply.....	12					
Drainage.....	64					
Verminous Premises	5					
Defective Paving of yards, etc. ....	3	3	3		1	2
Refuse Collection ...	56					
Refuse Disposal.....	42					
Ashbins .....	202	166	166		164	2
Rats and Mice .....	33					
Schools .....	5					
Shops .....	73					
Factories .....	31	4	4		4	
Outworkers.....	14					
Stables & Piggeries...	11	1	1		1	
Accumulations of Refuse .....	4	1	1		1	
Visits re Cases of Infect's Disease	41					
Cowsheds .....	17	2	2		2	
Dairies & Milkshops	82					
Visits to Slaughter- houses.....	39					
Visits to Food Premises.....	60					
Miscellaneous.....	19					
Closets cleared .....		114				
	1448	344	230		226	4





